

Wksht #2
Solving Equations

Name _____
Date _____

Solve and check. Name the subset(s) of the real numbers to which each solution belongs.

1) $2(y - 3) + 6 = 70$

2) $7w + 2 = 3w + 94$

3) $4w - 2(1 - w) = -38$

4) $5(x - 2) - 4(x + 1) = 50$

5) $3(y - 2) - 5 = 8 - 2(y - 4)$

6) $7(a + 1) - 3a = 5 + 4(a - 1)$

7) $6x - 3(6 - 5x) + 3x = 10 - 4(2 - x)$

8) $3x + 1 + 2(1 + 2x^2) = 5(1 - x) + 4(x^2 + 1)$